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## 第三十二屆 用戶年會暨研討會 台灣光子源啟用十週年 32<sup>nd</sup> USERS' MEETING & WORKSHOPS 10<sup>th</sup> ANNIVERSARY OF TPS OPERATION

8/25 - 8/27

Hsinchu, Taiwan

### Users' Meeting

#### Plenary Speaker:

- Shangjr Gwo (果尚志), National Tsing Hua Univ. (國立清華大學)

#### NSRRC Outstanding Paper Award

#### Invited Speakers:

- Han-Yi Chen (陳翰儀), National Tsing Hua Univ. (國立清華大學)
- Jung-Chun Andrew Huang (黃榮俊), National Cheng Kung Univ. (國立成功大學)
- Sung-Fu Hung (洪崧富), National Yang Ming Chiao Tung Univ. (國立陽明交通大學)
- Jiunn-Yuan Lin (林俊源), National Yang Ming Chiao Tung Univ. (國立陽明交通大學)
- Pai-Chun Wei (魏百駿), National Cheng Kung Univ. (國立成功大學)
- Jyh-Ming Wu (吳志明), National Tsing Hua Univ. (國立清華大學)
- Chii-Shen Yang (楊啟伸), National Taiwan Univ. (國立臺灣大學)

#### Sow-Hsin Chen Distinguished Lectureship on Neutron Science and Technology

### Mini Workshop

1. High-Efficiency Planning for Powder Diffraction and Total Scattering - Comparing TPS 19A/20A and TLS 01C2 with User Proposal Triage
2. Time-Resolved Scattering and Spectroscopy Techniques
3. Applications and Development of High-Resolution Spectroscopy - TPS 47A HERFD-XES and HAXPES Technical Workshop

### Workshop

- I: Empowering XAFS with XES, Modulated Excitation, and Machine Learning: Multimodal Spectroscopy for Dynamic Materials and Catalysis
- II: Next-Generation Ion Battery Technologies: High Power, High Energy Density, and Industrial Challenges
- III: Opening New Frontiers in Total Scattering: The Pair Distribution Function (PDF) facility at NSRRC and Future Directions

